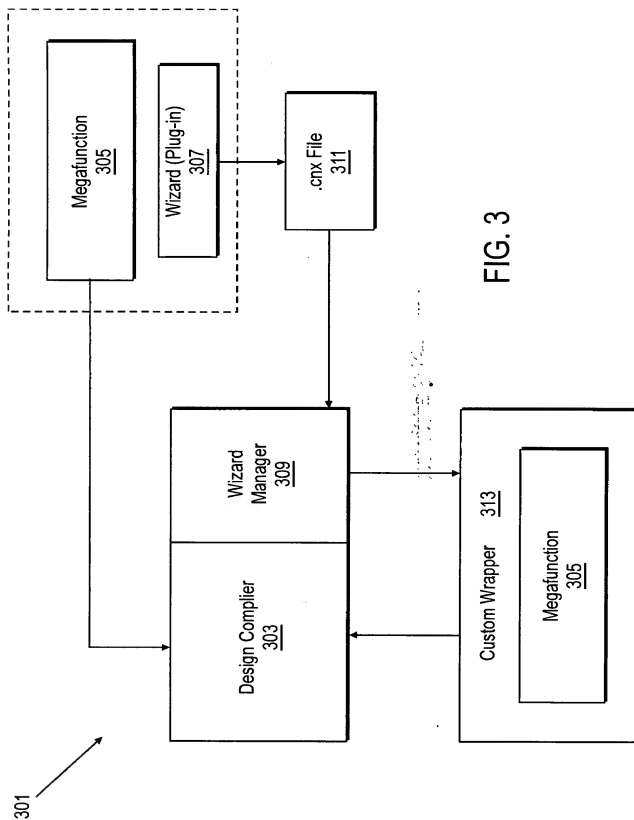


FIG. 1



FIG. 2



MegaWizard Plug-In Manager - altunvm [page 3 of 6]

What is the interface protocol? —

☒ None  
☐ Altera proprietary 3-wire  
☐ Parallel  
☐ I<sup>2</sup>C (Internal Usage)  
☐ Synchronous Serial Peripheral Interface (SPI)

Which type of UNVM is intended to be used? —

☐ 2048-bit version  
☐ 4096-bit version

What is the memory configuration for the interface protocol? —

☐ 1 Kbits: 64 x 16   ☐ 2 Kbits: 128 x 16   ☐ 4 Kbits: 256 x 16  
☐ 1 Kbits: 128 x 8   ☐ 2 Kbits: 256 x 8

What is the mode for UNVM? —

☐ Read / Write  
☐ Read / Write

What is the size of Page Write? —

☐ 8 bytes   ☐ 16 bytes   ☐ 32 bytes

Cancel
< Back
Next >
Finish

FIG. 4

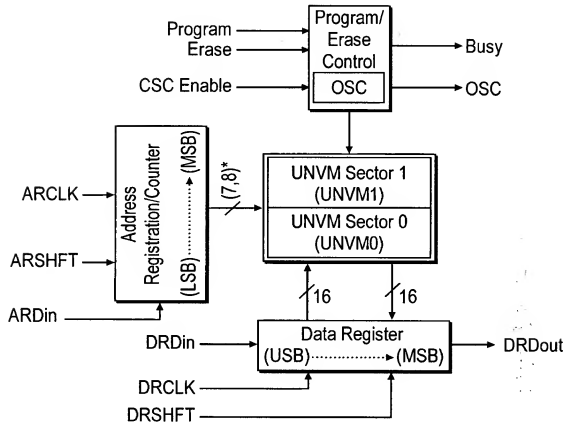


FIG. 5



FIG. 6

## Application No. 10/796,699

FIG. 7

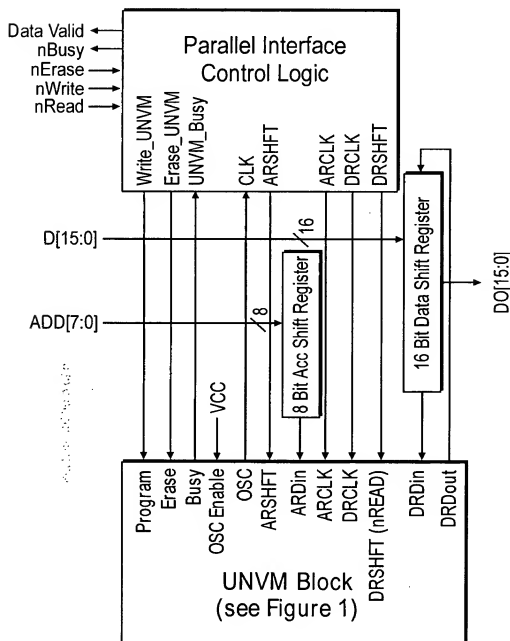


FIG. 8



MegaWizard Plug-In Manager - altunvm [page 5 of 6]

my\_unvm

altunvm\_parallel

add[7..0]

di[7..0]

nread

nwrite

nerase

do[7..0]

nbusy

data\_valid

What is the name of the file containing the memory initialization data?

(You can use a Hexadecimal (Intel-Format) File [.hex] or a Memory Initialization File [.mif].)

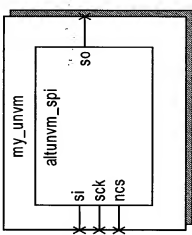
File name:

What is the value for I<sup>2</sup>C Interface?

Device Address: 1 0 1 0

FIG. 9

MegaWizard Plug-In Manager - altunvm [page 3 of 6]



What is the interface protocol? ☐ None ☐ Altera proprietary 3-wire ☐ Parallel ☐ Atmel 3-wire compatible ☒ I<sup>2</sup>C (Internal Usage) ☒ Synchronous Serial Peripheral Interface (SPI)

Which type of UNVM is intended to be used? ☐ 2048-bit version ☒ 4096-bit version

What is the memory configuration for the interface protocol? ☐ 1 Kbits: 64 x 16 ☐ 2 Kbits: 128 x 16 ☐ 4 Kbits: 256 x 16 ☐ 1 Kbits: 128 x 8 ☒ 2 Kbits: 256 x 8

What is the mode for UNVM? ☒ Read / Write ☐ Read / Write

What is the size of Page Write? ☐ 8 bytes ☐ 16 bytes ☒ 32 bytes

Cancel
< Back
Next >
Finish

FIG. 10

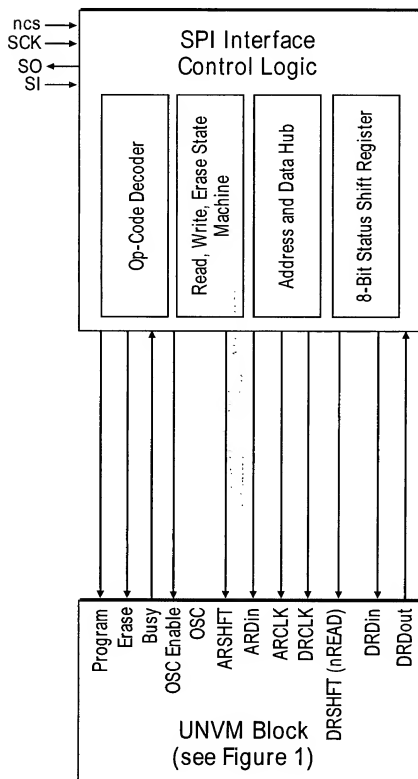
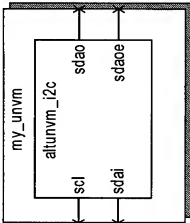


FIG. 11

MegaWizard Plug-In Manager - altunvm [page 3 of 6]



What is the interface protocol?

☐ None  
☐ Altera proprietary 3-wire  
☐ Parallel  
☒ I<sup>2</sup>C (Internal Usage)  
☒ Synchronous Serial Peripheral Interface (SPI)

Which type of UNVM is intended to be used?

☒ 2048-bit version  
☐ 4096-bit version

What is the memory configuration for the interface protocol?

☐ 1 Kbits: 64 x 16  
☐ 2 Kbits: 128 x 16  
☒ 4 Kbits: 256 x 16  
☐ 1 Kbits: 128 x 8  
☐ 2 Kbits: 256 x 8

What is the mode for UNVM?

☒ Read / Write  
☐ Read / Write

What is the size of Page Write?

☐ 8 bytes  
☐ 16 bytes  
☐ 32 bytes

FIG. 12

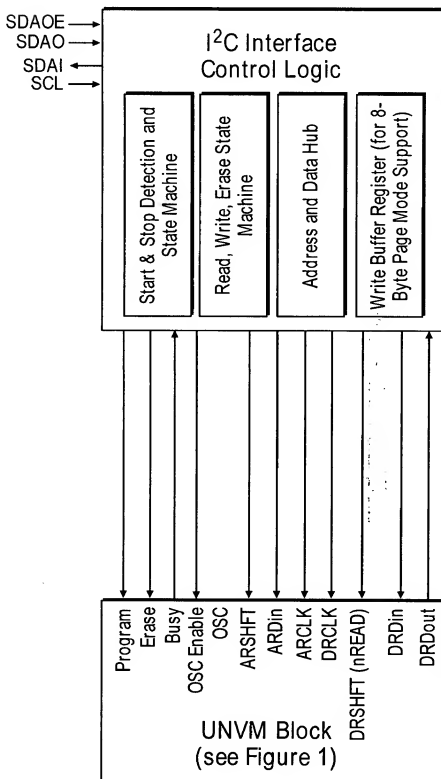


FIG. 13

MegaWizard Plug-In Manager - altunvm [page 4 of 6]

Do you want to specify the initial content of the memory?

☒ No, leave it blank

☐ Yes, use this file for the memory content data  
 (You can use a Hexadecimal (Intel-Format) File [.hex] or  
 a Memory Initialization File [.mif].)

File name:

What is the address value for I<sup>2</sup>C Interface?

Device Address: 1 0 1 0

1401

FIG. 14

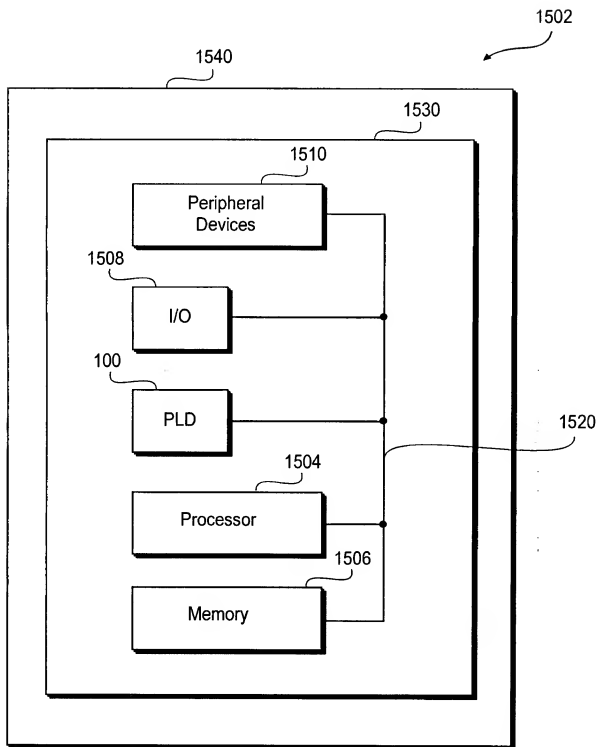


FIG. 15